

Status of NDFD Elements as of May 31, 2007

Element	CONUS	Puerto Rico	Hawaii	Guam	Alaska
Maximum Temperature	Operational since 12/1/04	Operational since 6/21/05	Operational since 6/21/05	Operational since 9/20/05	Experimental since 9/6/06 Comments closed 4/6/07
Minimum Temperature	Operational since 12/1/04	Operational since 6/21/05	Operational since 6/21/05	Operational since 9/20/05	Experimental since 9/6/06 Comments closed 4/6/07
12-hour Probability of Precipitation	Operational since 12/1/04	Operational since 6/21/05	Operational since 6/21/05	Operational since 9/20/05	Experimental since 9/6/06 Comments closed 4/6/07
Temperature	Operational since 3/15/05	Operational since 6/21/05	Operational since 6/21/05	Operational since 9/20/05	Not available
Dewpoint	Operational since 3/15/05	Operational since 6/21/05	Operational since 6/21/05	Operational since 9/20/05	Not available
Weather	Operational since 3/15/05	Operational since 6/21/05	Operational since 6/21/05	Operational since 9/20/05	Not available
Quantitative Precipitation Forecast (QPF)	Experimental since 6/16/03 Comments closed 9/15/05	Experimental since 6/16/03 Comments closed 9/15/05	Experimental since 11/1/06 Comments closed 1/1/07	Not available	Not available
Snow Amount	Experimental since 6/16/03 Comments closed 9/15/05	Not required	Experimental since 9/14/04 Comments closed 9/15/05	Not required	Not available
Wind Direction and Speed	Operational since 12/14/05	Operational since 12/14/05	Operational since 12/14/05	Operational since 12/14/05	Experimental since 9/6/06 Comments closed 4/6/07
Significant Wave Height	Operational since 5/31/07	Operational since 5/31/07	Operational since 5/31/07	Operational since 5/31/07	Experimental since 9/6/06 Comments closed 4/6/07

Element	CONUS	Puerto Rico	Hawaii	Guam	Alaska
Sky Cover	Experimental since 6/16/03 Comments closed 9/15/05	Experimental since 6/16/03 Comments closed 9/15/05	Experimental since 9/14/04 Comments closed 9/15/05	Experimental since 9/14/04 Comments closed 9/15/05	Not available
Apparent Temperature	Operational since 3/15/06	Operational since 3/15/06	Operational since 3/15/06	Operational since 3/15/06	Not available
Relative Humidity	Operational since 3/15/06	Operational since 3/15/06	Operational since 3/15/06	Operational since 3/15/06	Not available
Probabilistic Tropical Cyclone Surface Wind Speeds 6 separate elements: >34kts (incremental) >34kts (cumulative) >50kts (incremental) >50kts (cumulative) >64kts (incremental) >64kts (cumulative)	Operational since 5/31/07	Not available	Not available	Not available	Not available
Wind Gust	Experimental since 9/6/06 Comments closed 3/6/07	Experimental since 9/6/06 Comments closed 3/6/07	Experimental since 9/6/06 Comments closed 3/6/07	Experimental since 9/6/06 Comments closed 3/6/07	Not available
Convective Outlook Hazard Probabilities 9 separate elements: Convective Hazard Outlook Probability of: ▪ Tornadoes ▪ Hail ▪ Damaging Thunderstorm Winds ▪ Extreme Tornadoes ▪ Extreme Hail ▪ Extreme Thunderstorm Winds Total Probability of: ▪ Severe Thunderstorms ▪ Extreme Severe Thunderstorms	Experimental since 2/27/07 Comments accepted until 6/29/07	Not available	Not available	Not available	Not available